

CONSTRUCTION PLANS
FOR
MANNY LANE
(A PRIVATE ROADWAY WITHIN THE CITY OF ALBUQUERQUE)
TRACTS 1 Thru 4, LANDS OF TORRES

PUBLIC WATER & SANITARY SEWER EXTENSION,
& SERVICES, AND PRIVATE ROADWAY IMPROVEMENTS

INDEX

SHEET NO.

1

2

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4/5

TITLE

COVER SHEET

SUBDIVISION PLAT

ROADWAY, WATER, AND SANITARY
SEWER PLAN & PROFILES

TRAFFIC CONTROL PLANS

AS-CONSTRUCTED

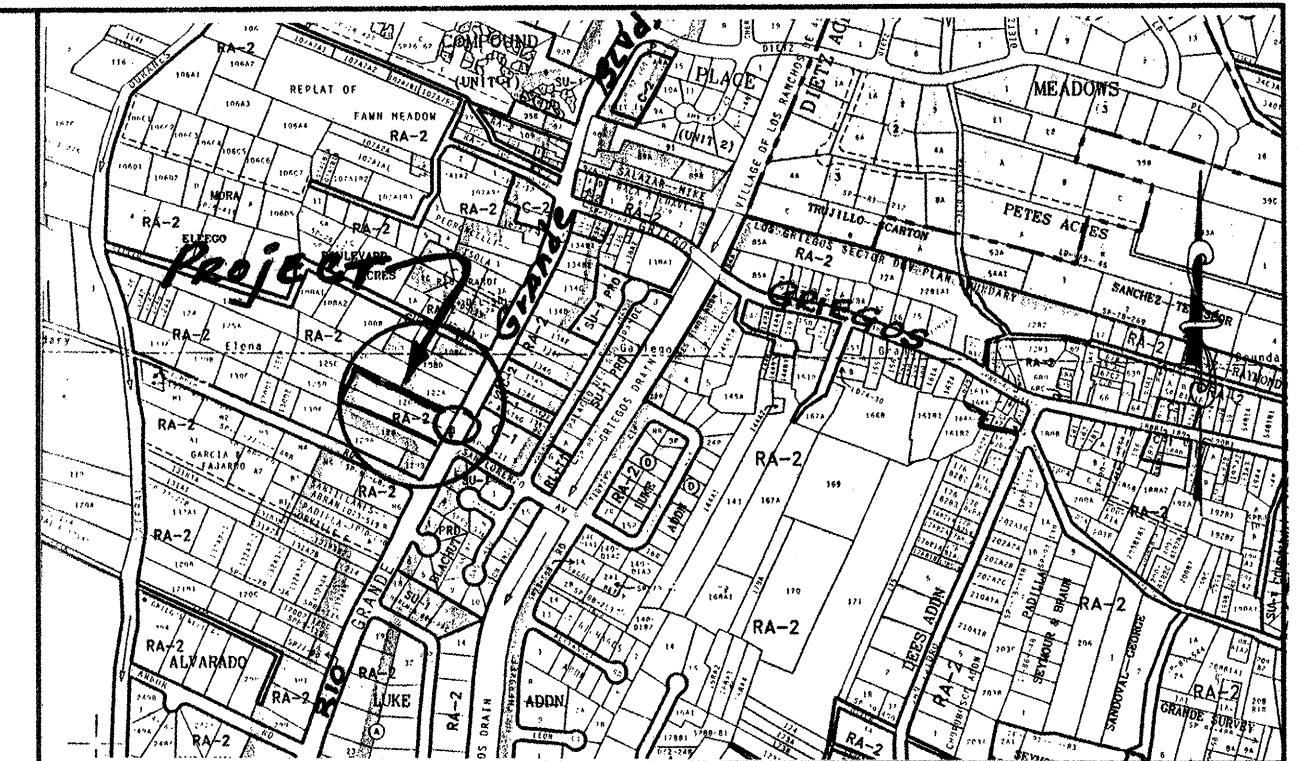
I, PHILIP W. CLARK, OF CLARK CONSULTING ENGINEERS, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE INFRASTRUCTURE INSTALLED AS PART OF THIS PROJECT HAS BEEN OBSERVED BY ME OR BY A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY ENGINEER, AND THAT THE ORIGINAL DESIGN INTENT OF THE APPROVED PLANS HAS BEEN MET, EXCEPT AS NOTED BY ME ON THE AS-BUILT CONSTRUCTION DRAWINGS. THIS CERTIFICATION IS BASED ON THE INSPECTIONS BY ME OR PERSONNEL UNDER MY DIRECTION AND SUPERVISION AND INFORMATION PROVIDED BY Philip W. Turner, NMPS # 10204.

Philip W. Turner 7-11-03
10285
NEW MEXICO
PROFESSIONAL ENGINEER

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
[Signature]
DATE 8/5/03

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING
☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE

Clark Consulting Engineers
19 Ryan Road Edgewood, New Mexico 87015
(505) 281-2444 FAX (505) 281-2444



VICINITY MAP F-13

GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, FOR PUBLIC WORKS CONSTRUCTION (1986 EDITION AS AMENDED THRU UPDATE #6), AND CITY STANDARD DRAWINGS.
- ALL WORK PERFORMED ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- CONTRACTOR SHALL NOTIFY AND COORDINATE ALL CONSTRUCTION TWO WEEKS PRIOR TO START WITH THE FOLLOWING UTILITIES: QWEST COMMUNICATIONS, PUBLIC SERVICE CO. OF NEW MEXICO, GAS AND ELECTRIC SERVICES.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NM ONE-CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE REGARDING TRAFFIC CONTROL. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM SAME DIVISION. CONTRACTOR SHALL NOTIFY THE BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION, AS PER SECT. 19 OF THE SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED BY THE CONTRACTOR TO EXISTING LOCATION.

CITY OF
Albuquerque
NEW MEXICO — USA

DRB # 1001573

REV	SHEET	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	*****	
		DRC Chairman	<i>[Signature]</i>	7-11-03	6/3/02	APPROVED FOR CONSTRUCTION	
		Transportation	<i>[Signature]</i>		6/26/02		
		Water/Wastewater	<i>[Signature]</i>		6-26-02		
		Hydrology	<i>[Signature]</i>				
		Parks	<i>[Signature]</i>				
Constr. Mgmt.		<i>[Signature]</i>	7/1/03			City Engineer Fred Aguirre, P.E. Date	
Constr. Coord.		<i>[Signature]</i>					
City Project No.		6832.81		Sheet		1 OF 5	

SCANNED BY
MESA REPRO

PLAT OF
TRACTS 1, 2, 3 & 4
LANDS OF TORRES
PROJECTED SECTION 31, T. 11 N., R. 3 E., N.M.P.M.
ELENA GALLEGOS GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL 2002
SHEET 2 OF 2

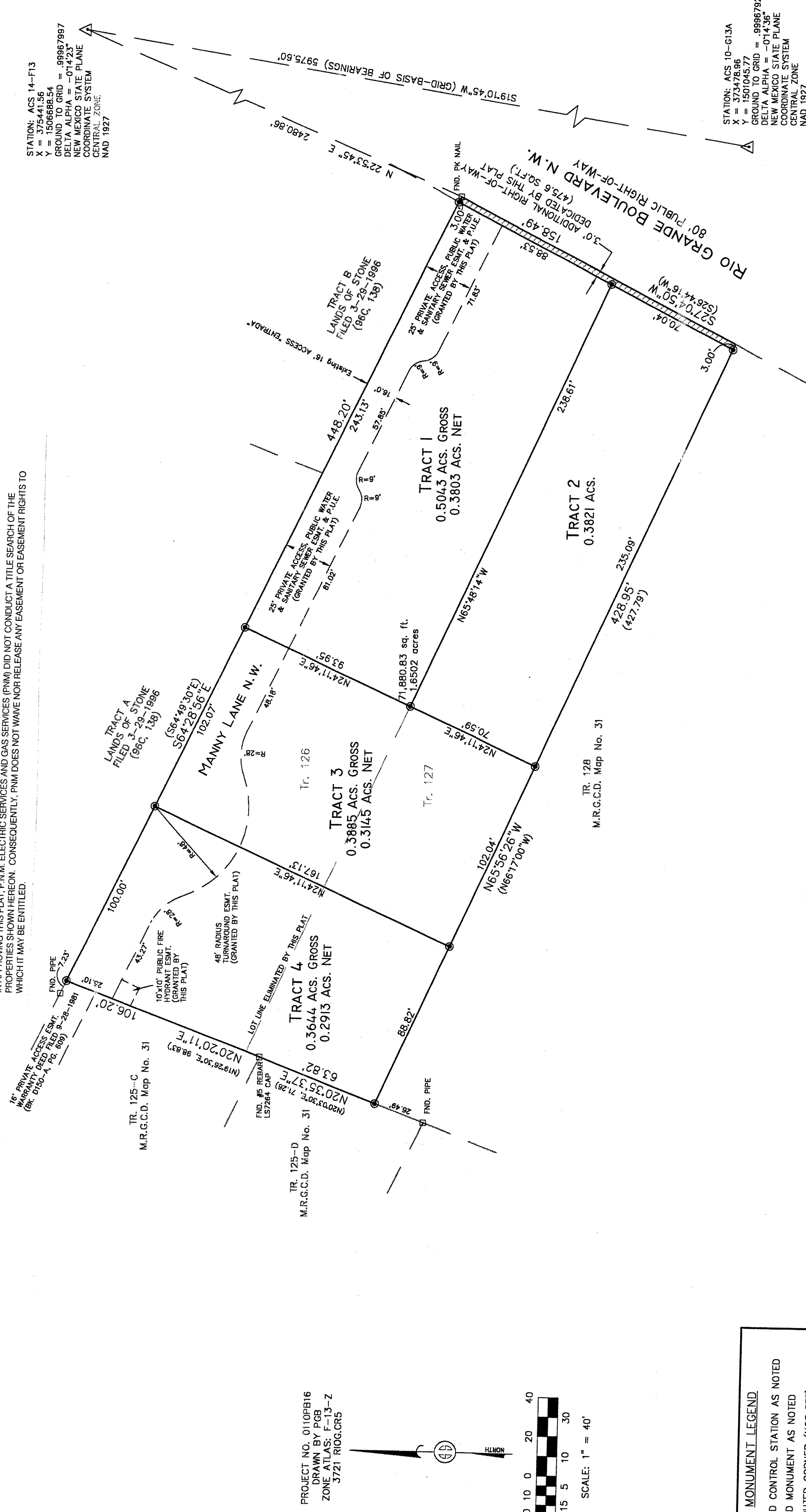
PUBLIC UTILITY EASEMENTS

1. CASC VENTURE DISBURSMENTS SHOWN ON THIS SLIDE ARE GRANTED FOR THE COMMON AND JOINT USE OF:
- 1. THE PUBLIC SERVICE COMPANY OF NEW MEXICO ELECTRIC SERVICES FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF THE STATE ELECTRICAL LINES, TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES. NECESSARY TO PROVIDE ELECTRICAL SERVICE.
 - 2. THE PUBLIC SERVICE COMPANY OF NEW MEXICO GAS SERVICES FOR INSTALLATION, MAINTENANCE, AND SERVICE OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS SERVICES.
 - 3. COSTS FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BUREAU AND ASSESSOR COMMUNICATION LINES, AND OTHER RELATED EQUIPMENT AND FACILITIES NECESSARY TO PROVIDE COMMUNICATION SERVICES INCLUDING BUT NOT LIMITED TO ABOVE GROUND FIBER/STARS AND CABLES.

4. COMCAST CABLE FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF SUCH LINES, CABLE AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE CABLE TV SERVICE.

[illegible]

IN APPROVING THIS PLAT, P.N.M. ELECTRIC SERVICES AND GAS SERVICES (PNM) DID NOT CONDUCT A TITLE SEARCH OF THE PROPERTIES SHOWN HEREON. CONSEQUENTLY, PNM DOES NOT WAIVE NOR RELEASE ANY EASEMENT OR EASEMENT RIGHTS TO WHICH IT MAY BE ENTITLED.



MONUMENT LEGEND

- △ - FOUND CONTROL STATION AS NOTED
- - FOUND MONUMENT AS NOTED
- - COMPUTED CORNER (NOT SET)
- ⊙ - SET 1/2" REBAR W/YELLOW PLASTIC CAP STAMPED "GRITSCO L58686" UNLESS OTHERWISE NOTED

SURVEYS SOUTHWEST, LTD.
333 LOMAS BLVD., N.E.
ALBUQUERQUE, NEW MEXICO
87102
PHONE: (505) 998-0303
FAX: (505) 998-0306

T11NR3E SEC.31

Vicinity Map

SUBDIVISION DATA / NOTES

1. PLAT WAS COMPILED USING EXISTING RECORD DATA & ACTUAL FIELD SURVEY.
2. BEARINGS ARE NEW MEXICO STATE PLANE GRID BEARINGS, CENTRAL ZONE NAD, 1983, AND ARE BASED ON ACS CONTROL MONUMENTS 14715 AND 10613A, AS SHOWN HEREON.
3. DISTANCES ARE GROUND DISTANCES.
4. PLAT SHOWS ALL EASEMENTS OF RECORD.
5. BEARINGS AND DISTANCES IN PARENTHESES: () ARE PER THE PLAT OF WARRANTY DEED, FILED IN OCT. 18, 1972 IN BOOK D982 PAGE 869, AND QUOTCLAIM DEED, FILED OCT. 18, 1972 IN BOOK D928 PAGE 424.
6. GROSS ACREAGE: 1.6602 ACRES
7. NUMBER OF EXISTING TRACTS/LOTS: 2
8. NUMBER OF TRACTS/LOTS CREATED: 4
9. THE 25' PRIVATE ACCESS EASEMENT GRANTED BY THIS PLAT IS FOR THE BENEFIT AND USE, BY AND FOR THE OWNER(S) OF TRACTS 1, 3 & 4, LANDS OF "CORRIGES," AND FOR OTHER TRACTS OF LAND LYING TO THE WEST OF THIS SECTION. SAID ROADWAY SHALL BE MAINTAINED BY THE OWNERS OF SAID TRACTS.
10. CURRENT SITE ZONING: RA-2

PLAT OF
TRACTS 1, 2, 3 & 4
LANDS OF TORRES

PROJECTED SECTION 31, T. 11 N., R. 3 E., N.M.P.M.
ELENA CALLEGOS GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL 2002
SHEET 1 OF 2

A certain tract of land situate within projected Section 31, Township 11 North, Range 3 East, N.M.P.M., Elena Gallegos Grant, Bernalillo County, New Mexico, being designated as Tracts 126 and 127 on M.R.G.C.D. Property Map No. 31, and being more particularly described as follows:

Beginning at the northeast corner of the tract herein described, being a point on the west right-of-way line of Rio Grande Blvd. NW, whence the ACS Station "14-F13" bears N 22° 53' 45" E, 2480.06 feet distant; thence, S 27° 05' 50" E, 158.49 feet along said west right-of-way line to the southeast corner of the tract herein described; thence, bearing said right-of-way line, N 65° 56' 26" W, 428.95 feet to the southwest corner of the tract herein described; thence, N 20° 35' 37" E, 63.82 feet to a point; thence, N 20° 20' 11" E, 106.20 feet to the northwest corner of the tract herein described; thence, S 64° 28' 95" E, 448.20 feet to the point of beginning and containing 1.6502 acres, more or less.

FREE CONSENT

THE UNDERSIGNED OWNER(S) AND PROPRIETOR(S) OF THE PROPERTY DESCRIBED HEREON DO HEREBY
 CONSENT TO THE PLATTING OF SAID PROPERTY AS SHOWN HEREON AND THE SAME IS WITH THE FREE
 CONSENT AND IN ACCORDANCE WITH THEIR DESIRES AND DO HEREBY REPRESENT THAT THE UNDERSIGNED
 INDIVIDUALS ARE AUTHORIZED TO SO ACT AND DO HEREBY GRANT ADDITIONAL EASEMENT(S) AS SHOWN
 ON HEREBY DEDICATE ADDITIONAL STREET RIGHT-OF-WAY TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE
 WITH WARRANTY COVENANTS.

OWNER(S) SIGNATURE: Manuel M. Torres DATE: 4-29-02
OWNER(S) PRINT NAME: MANUEL M. TORRES EVELYN G. TORRES
ADDRESS: 3721 RIO GRANDE BLVD. NW, ALBUQUERQUE, NM 87107 TRACT:

 OFFICIAL SEAL
Sarah Amato
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 10/01/05

ACKNOWLEDGMENT
STATE OF NEW MEXICO)
COUNTY OF BERNALILLO)

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 29th DAY OF April, 2002.

BY: MANUEL M. TORRES EVELYN C. TORRES

MY COMMISSION EXPIRES: 10/01/2005

Sarah L. Berto

NOTARY PUBLIC

SURVEYOR'S CERTIFICATION

I, Gary E. Gritsko, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, show all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the subdivision shown herein, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico and is true and correct to the best of my knowledge and belief.

Gary E. Grisko *April 29, 2002*
 Gary E. Grisko Date
 New Mexico Professional Surveyor, 8636

THIS IS TO CERTIFY THAT TAXES ARE CURRENT & PAID ON

UPC#: _____
PROPERTY OWNER OF RECORD: _____

BERNALILLO COUNTY TREASURERS OFFICE:

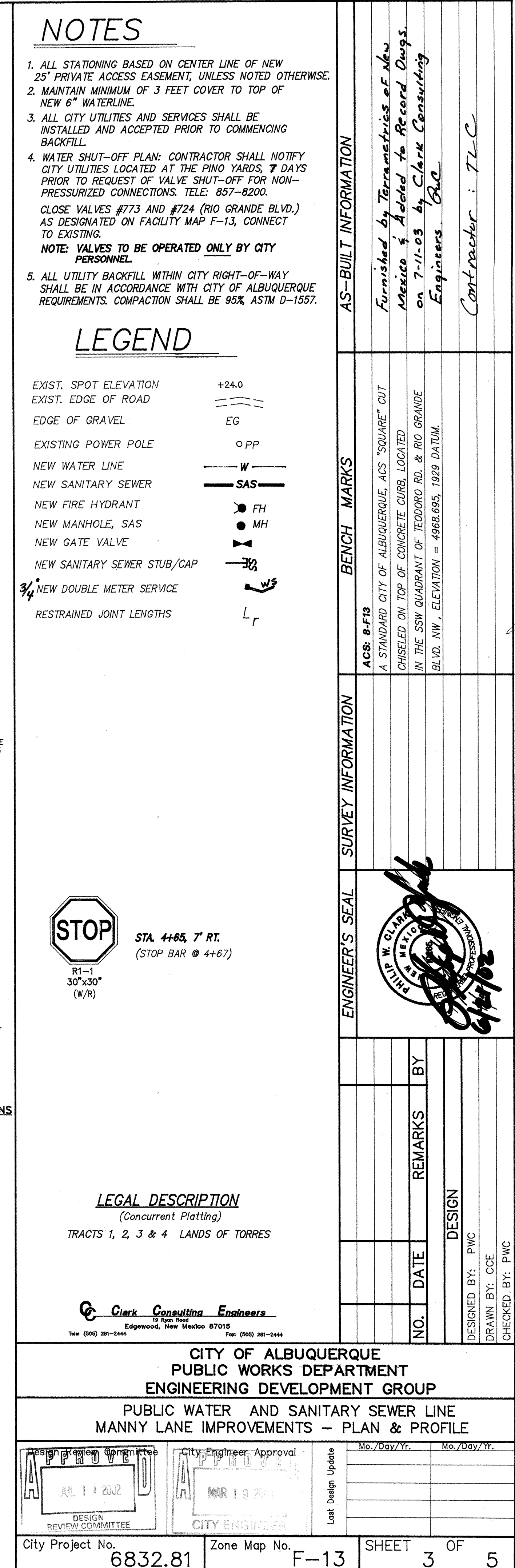
PROJECT NO. 0110PB16
DRAWN BY PGB
ZONE ATLAS: F-13-Z
3721 R10G.CR5

SURVEYS SOUTHWEST LTD.

333 LOMAS BLVD., N.E.
ALBUQUERQUE, NEW MEXICO
87102

PHONE: (505) 998-0303
FAX: (505) 998-0306

T11NR3E SEC. 31



CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED, WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION, AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS, UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5" INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

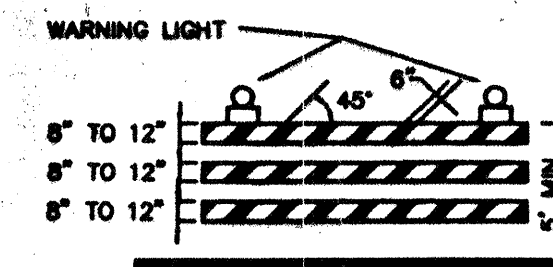
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

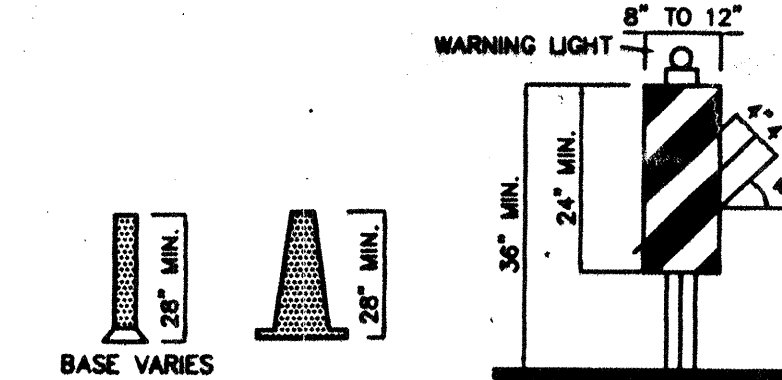
26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.

NOTE: TWO SOUTHBOUND LANES ON RIO GRANDE BLVD. MUST BE MAINTAINED BETWEEN THE HOURS FROM 6AM THRU 9AM, MONDAY THRU FRIDAYS. AT LEAST ONE SOUTHBOUND LANE ON RIO GRANDE BLVD. MUST BE MAINTAINED AT ALL OTHER TIMES.



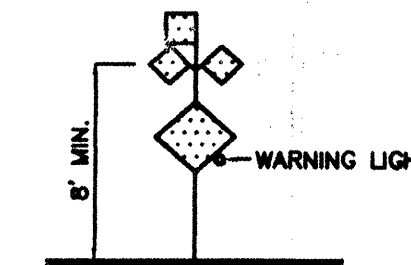
TYPE II BARRICADE



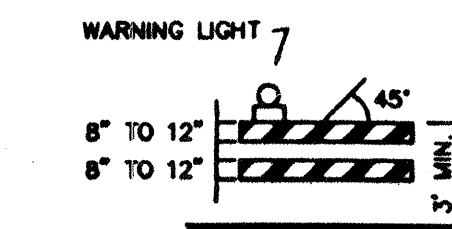
VERTICAL PANEL



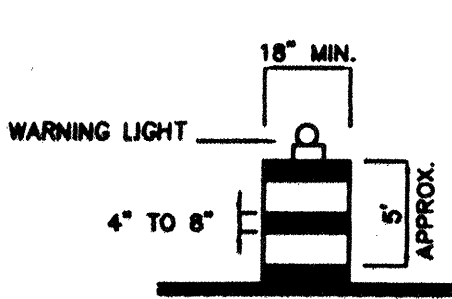
CONES



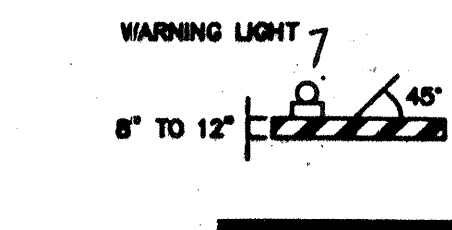
HIGH LEVEL WARNING DEVICE



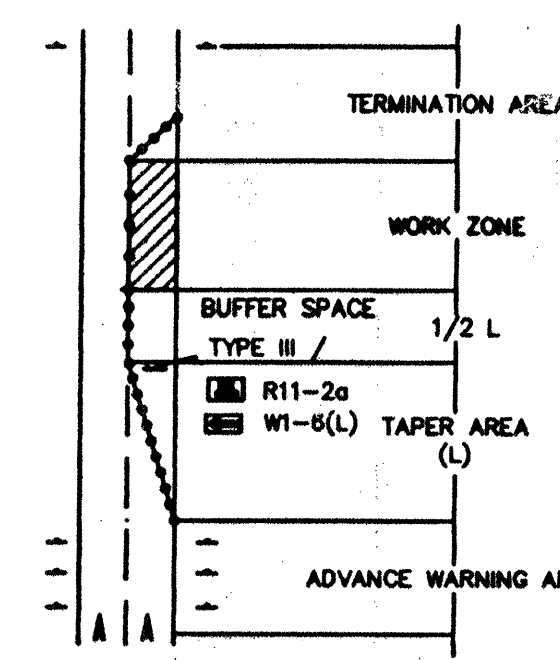
TYPE I BARRICADE



BARREL



TYPE I BARRICADE



TRAFFIC CONTROL ELEMENTS

LEGEND

- WORK AREA
BARRICADE - TYPE I, TYPE II, OR BARREL
BARRICADE - TYPE III
VERTICAL PANEL
WARNING SIGN
DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
FLAGMAN POSITION
SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
TAPER LENGTH - SEE CHART BELOW
THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING (D) FOR ADVANCE WARNING SIGN SERIES

SPEED LIMIT (MPH)	MINIMUM DISTANCE IN FEET	
	BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

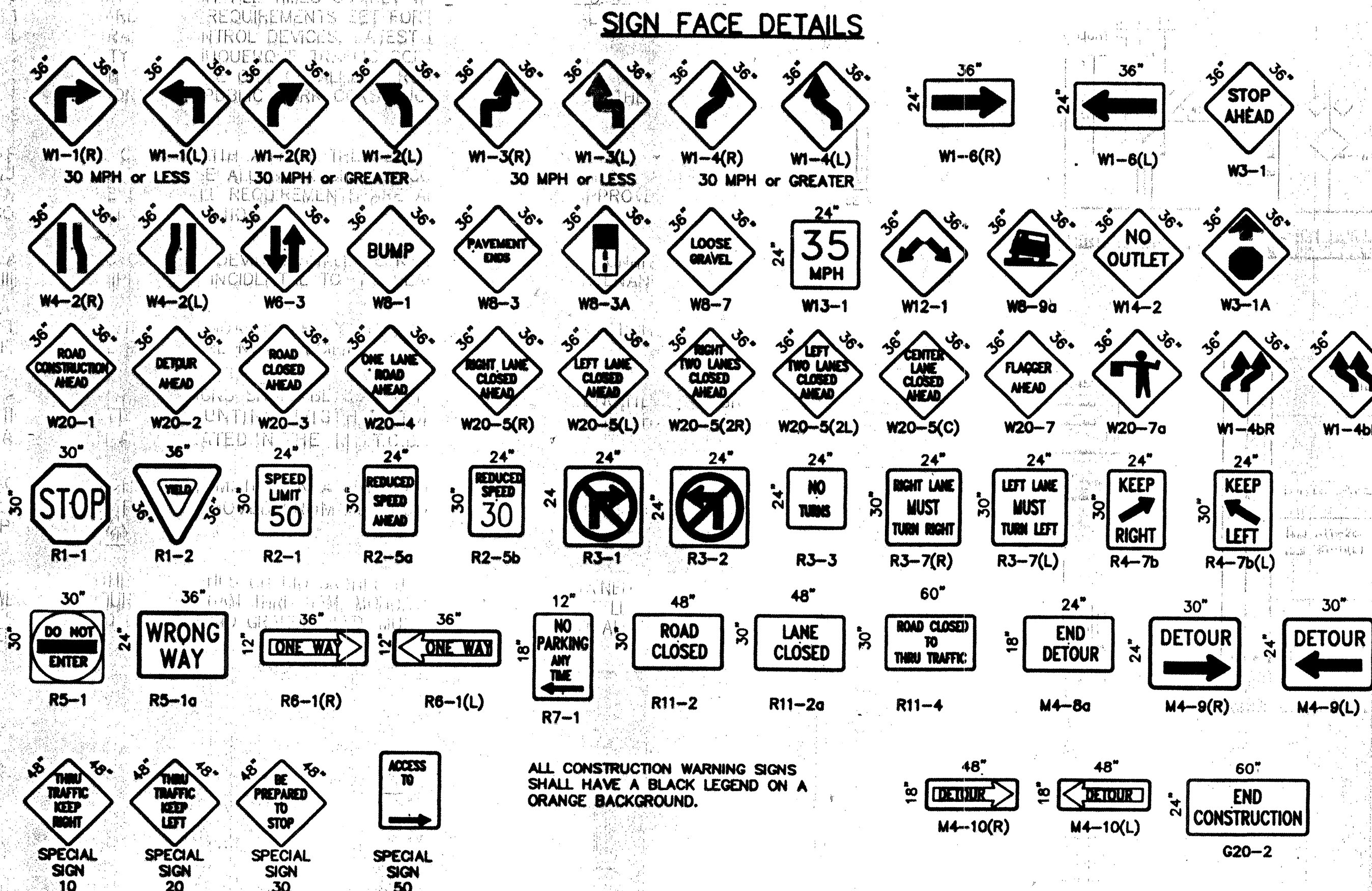
TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTER TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	L = WS ² / 60
40 MPH OR LESS	
45 MPH OR GREATER	L = W x S

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

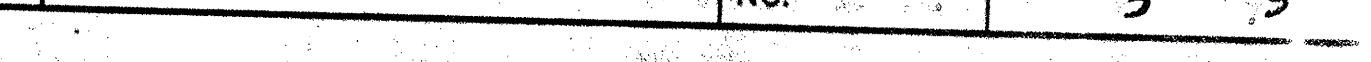
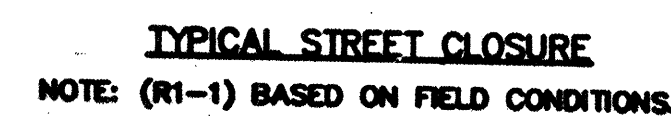


ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

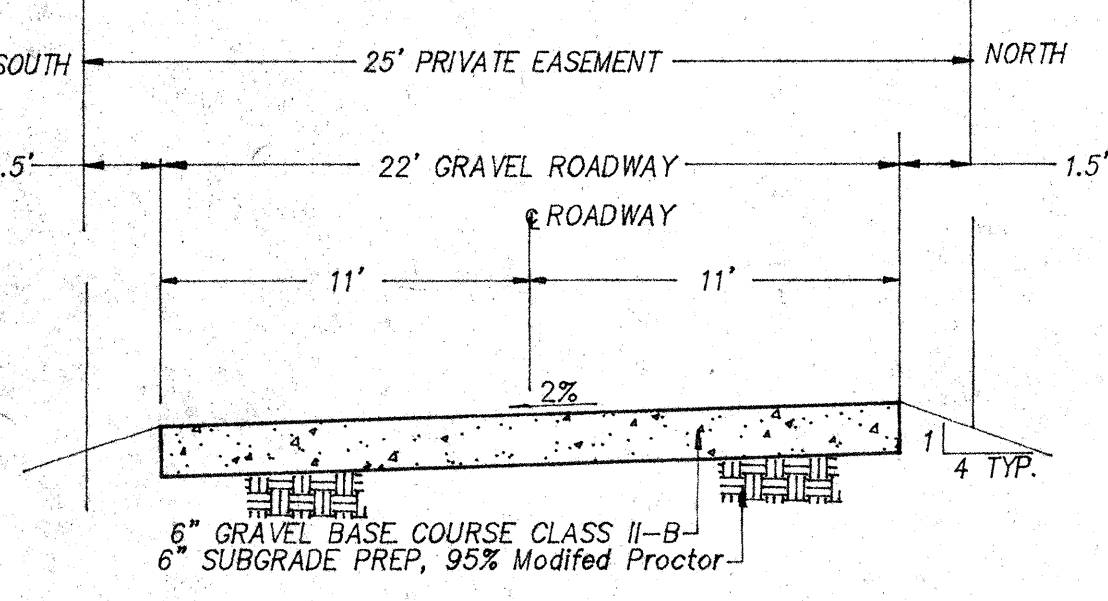
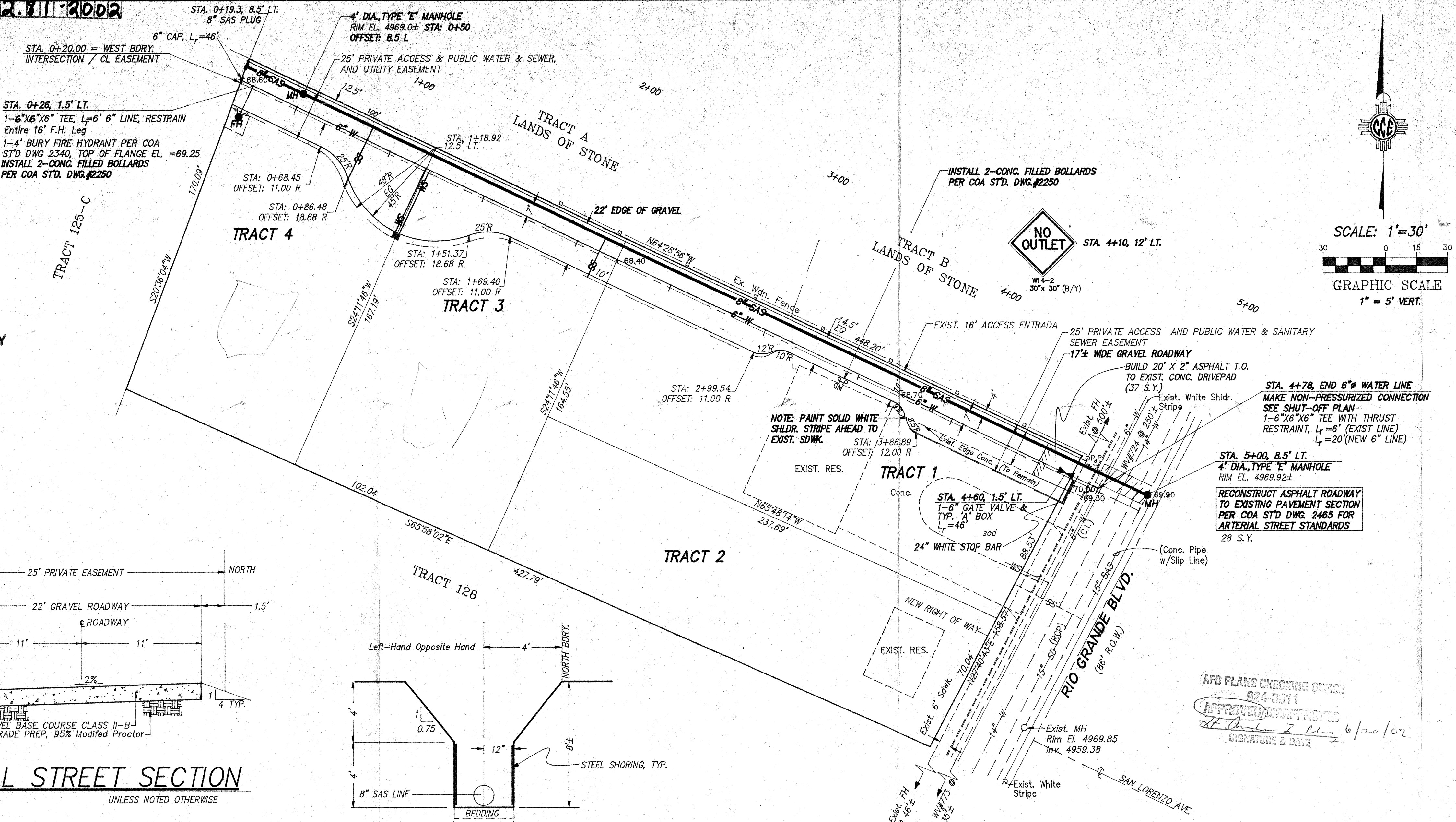
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE:			
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO. 2024/20	NO. 2024/20
PROJECT NO.		MAP NO.	SHEET 4 OF 5



TYPICAL STREET CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.

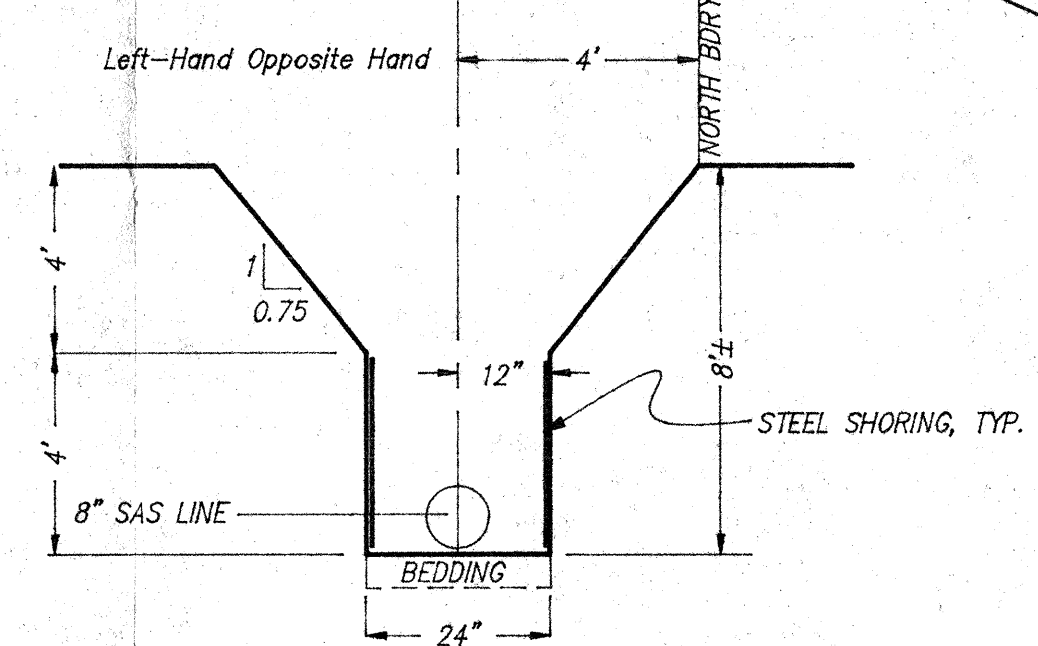
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6832.111-2002



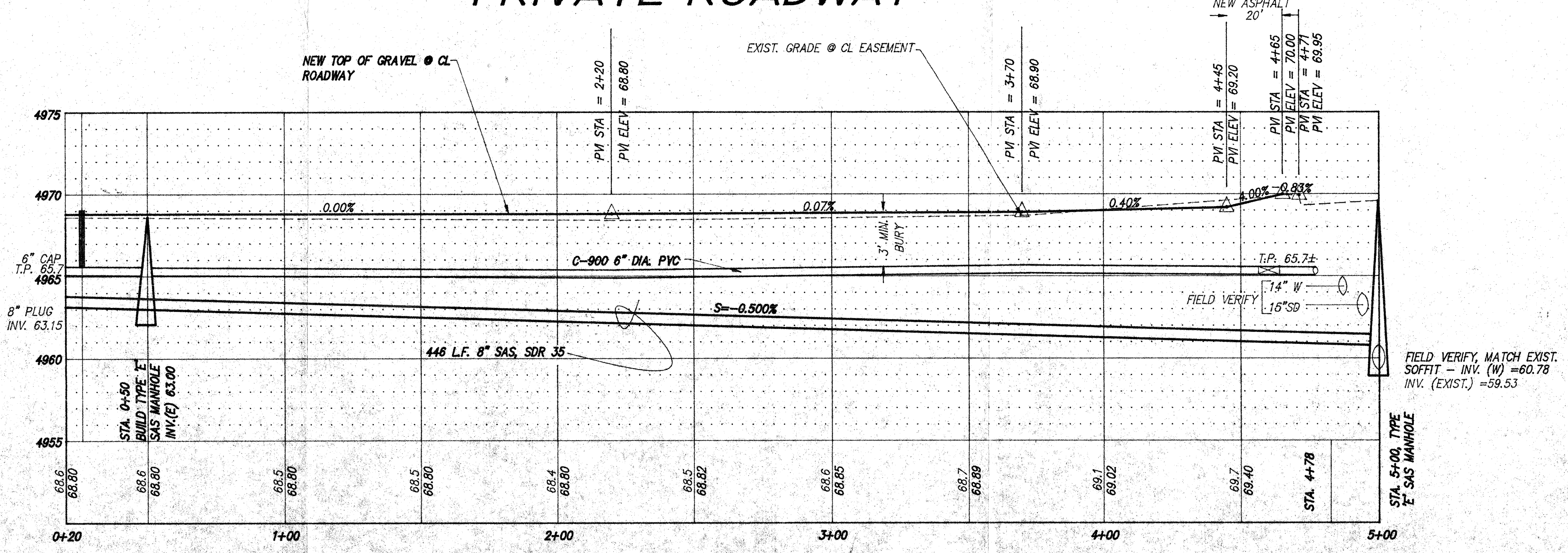
TYPICAL STREET SECTION
NO SCALE UNLESS NOTED OTHERWISE

NOTE:
EXISTING UTILITIES SHOWN HEREON, INCLUDING UNCHARTED UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR FOR EXACT LOCATION AND DEPTH PRIOR TO EXCAVATION. SHOULD A CONFLICT EXIST, THE OWNER/ AND PROJECT ENGINEER SHALL BE IMMEDIATELY NOTIFIED.



SHORING/SAS SECTION
NO SCALE

PRIVATE ROADWAY

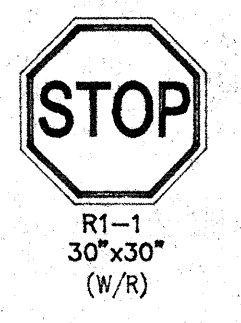


NOTES

- ALL STATIONING BASED ON CENTER LINE OF NEW 25' PRIVATE ACCESS EASEMENT, UNLESS NOTED OTHERWISE.
- MAINTAIN MINIMUM OF 3 FEET COVER TO TOP OF NEW 6" WATERLINE.
- ALL CITY UTILITIES AND SERVICES SHALL BE INSTALLED AND ACCEPTED PRIOR TO COMMENCING BACKFILL.
- WATER SHUT-OFF PLAN: CONTRACTOR SHALL NOTIFY CITY UTILITIES LOCATED AT THE PINO YARDS, 5 DAYS PRIOR TO REQUEST OF VALVE SHUT-OFF FOR NON-PRESSURIZED CONNECTIONS. TELE: 857-8200. CLOSE VALVES #773 AND #724 (RIO GRANDE BLVD.) AS DESIGNATED ON FACILITY MAP F-13, CONNECT TO EXISTING. NOTE: VALVES TO BE OPERATED ONLY BY CITY PERSONNEL.
- ALL UTILITY BACKFILL WITHIN CITY RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH CITY OF ALBUQUERQUE REQUIREMENTS. COMPACTION SHALL BE 95% ASTM D-1557.

LEGEND

- EXIST. SPOT ELEVATION +24.0
EXIST. EDGE OF ROAD EG
EDGE OF GRAVEL EG
EXISTING POWER POLE O P P
NEW WATER LINE W
NEW SANITARY SEWER SAS
NEW FIRE HYDRANT FH
NEW MANHOLE, SAS MH
NEW GATE VALVE GV
NEW SANITARY SEWER STUB/CAP SS
NEW DOUBLE METER SERVICE DM
RESTRAINED JOINT LENGTHS L_r



STA. 4+65, 7' RT.
(STOP BAR @ 4+67)

LEGAL DESCRIPTION
(Concurrent Platting)

TRACTS 1, 2, 3 & 4 LANDS OF TORRES

Clark Consulting Engineers
Edgewood, New Mexico 87015
Tel: (505) 261-2444 Fax: (505) 261-2444

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
PUBLIC WATER AND SANITARY SEWER LINE MANNY LANE IMPROVEMENTS - PLAN & PROFILE			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 6832.81		Zone Map No. F-13	SHEET 3 OF 5

